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Application Number		10828935
Filing Date		2004-04-21
First Named Inventor	Gorenstein	
Art Unit	1639	
Examiner Name	Wessendorf, T. D.	
Attorney Docket Number	UTMB:1024	

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	2	5475096		1995-12-12	GOLD, et al.	
	3	5582981		1996-12-10	TOOLE, et al.	
	4	5639603		1997-06-17	DOWER, et al.	
	5	5663153		1997-09-02	HUTCHERSON, et al.	
	6	5668265		1997-09-16	NADEAU, et al.	
	7	5670637		1997-09-23	GOLD, et al.	
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	9	5756291		1998-05-26	GRIFFIN, et al.	
	10	5801154		1998-09-01	BARACCHINI, et al.	
	11	5844106		1998-12-01	SEELA, et al.	
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	13	6180348	B1	2001-01-30	LI	
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	1	94/01550	WO	A1	1994-01-20	AGRAWAL, et al.		<input type="checkbox"/>
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	1	AMARZGUIQUI, M., et al., Nuc Acids Res, 31, 589-595, (2003) – Tolerance for mutations and chemical modifications in a siRNA	<input type="checkbox"/>
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	3	BRAASCH, D.A., et al., Nucleic Acids Res, 30(23), 5160-7 (2002) -Antisense inhibition of gene expression in cells by oligonucleotides incorporating locked nucleic acids: effect of mRNA target sequence and chimera design	<input type="checkbox"/>
	4	BRAASCH, D.A. AND D.R. COREY, Biochemistry, 41, 4503-4510 (2002) - Novel antisense and peptide nucleic acid strategies for controlling gene expression	<input type="checkbox"/>

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5	CAPLEN, N.J., et al., PNAS, 98, 9742-9747 (2001) – Specific inhibition of gene expression by small double-stranded RNAs in invertebrate and vertebrate systems.	<input type="checkbox"/>
6	CASSIDAY, L., et al., "In Vivo Recognition of an RNA Aptamer by its Transcription Factor Target," Biochemistry (2001), 40:2433-3438	<input type="checkbox"/>
7	CHI, J.T., PNAS, 100(11), 6343-6 (2003) - Genomewide view of gene silencing by small interfering RNAs.	<input type="checkbox"/>
8	DOUCETTE, et al., Proteomics (2001), 1:987-1000, Investigation of the Applicability of a Sequential Digestion Protocol Using Trypsin and Leucine Aminopeptidase M for Protein Identification by Matrix-Assisted Laser Desorption/Ionization-Time of Flight Mass Spectrometry	<input type="checkbox"/>
9	ELBASHIR, et al., "RNA Interference is Mediated by 21- and 22- nucleotide RNAs," Genes and Development (2001), 15:188-200	<input type="checkbox"/>
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13	GITLIN, L., et al., Nature, 418, 430-434 (2002) – Short interfering RNA confers intracellular antiviral immunity in human cells.	<input type="checkbox"/>
14	HU, W., et al., Curr Biol, 12, 1301-1311 (2002) – Inhibition of retroviral pathogenesis by RNA interference.	<input type="checkbox"/>
15	JACKSON, A.L., et al., Nat Biotech, 21(6), 635-637 (2003) – Expression profiling reveals off-target gene regulation by RNAi.	<input type="checkbox"/>

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16	JACQUE, J.M., et al., Nature, 418, 435-438 (2002) – Modulation of HIV-1 replication by RNA interference.	<input type="checkbox"/>
17	JANSEN, B. AND U. ZANGEMEISTER-WITTE, Lancet Oncol, 3, 672-683 (2002) – Antisense therapy for cancer--the time of truth.	<input type="checkbox"/>
18	KANAORI, et al., "Effect of Phosphorothioate Chirality on i-Motif Structure and Stability," Biochemistry (2004), 43:5672-5679	<input type="checkbox"/>
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20	KING, D. et al., "Combinatorial Selection and Binding of Phosphorothioate Aptamers Targeting Human NF-kappa B RelA (p65) and p50," Biochemistry (2002), 41:9696-9706	<input type="checkbox"/>
21	KING, D.J., "Selection, Binding and Design of Phosphorothioate Duplex Aptamers for the Transcription Factors NF-IL6 and NP-KB," dissertation August 2001	<input type="checkbox"/>
22	KOLLER, E., et al., Trends Pharm Sci, 21, 142-148 – Elucidating cell signaling mechanisms using antisense technology.	<input type="checkbox"/>
23	LESCAR, J., et al., Cell 105(1), 137-48. (2001) - The fusion glycoprotein shell of Semliki Forest virus: an icosahedral assembly primed for fusogenic activation at endosomal pH.	<input type="checkbox"/>
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25	MILLER, V.M., et al., PNAS, 100(12), 7195-200 - Allele-specific silencing of dominant disease genes	<input type="checkbox"/>
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27	OPALINSKA, et al., Nature Reviews (2002), 1:503-514., Nucleic-Acid Therapeutics: Basic Principles and Recent Applications	<input type="checkbox"/>
28	PARRISH, S., et al (Fire research group), Mol Cell, 6, 1077-87 (2001) – Functional anatomy of a dsRNA trigger: differential requirement for the two trigger strands in RNA interference.	<input type="checkbox"/>
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30	RAVEH, S., "Peptidic Determinants and Structural Model of Human NDP kinase B Bound in Single-Stranded DNA," Biochemistry (2001), 40:5882-5893	<input type="checkbox"/>
31	SAZANI, et al., "Nuclear Antisense Effects of Neutral Anionic and Cationic Oligonucleotide Analogs," Nucleic Acids Research (2001), 29:3965-3974	<input type="checkbox"/>
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33	SONG, E., et al., Nat Med, 9, 347-351 (2003) – RNA interference targeting Fas protects mice from fulminant hepatitis.	<input type="checkbox"/>
34	SONG, E., et al., J Virol. 2003 Jul;77(13):7174-81 (2003) - Sustained small interfering RNA-mediated Human Immunodeficiency Virus Type 1 inhibition in primary macrophages.	<input type="checkbox"/>
35	UEDA, TAKUYA, et al. (1991) Phosphorothioate-containing RNAs show mRNA activity in the prokaryotic translation systems in vitro. Nucleic Acids Research, Vol. 19, No. 3, pp. 547-552.	<input type="checkbox"/>
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☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

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Signature	/chaaney singleton/	Date (YYYY-MM-DD)	2007-08-29
Name/Print	Chaaney P. Singleton	Registration Number	53598

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